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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report - Pipe & Fittings

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

1984 ANNUAL SUMMARY

SHIPMENTS OF THERMOPLASTICS PIPE, TUBE, CONDUIT AND FITTINGS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.
SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY.

RELEASE DATE: MARCH 18, 1985

SPI

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT

CRS

SHIPMENTS OF THERMOPLASTICS PIPE, TUBE AND CONDUIT BY MATERIAL AND APPLICATION

(In thousands of pounds)

SUMMARY TABLE I

FULL YEAR 1984

BY MATERIAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ACRYLONITRILE-BUDTADIENE-STYRENE (ABS), TOTAL	4,224	7,394	8,369	7,263	7,047	7,031	6,635	6,761	6,471	6,325	5,360	4,230	77,110
CHLORINATED POLYVINYL CHLORIDE (CPVC), TOTAL	1,429	1,224	1,263	1,052	899	1,022	814	846	1,147	1,168	1,011	846	12,721
POLYBUTYLENE (PB), TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
POLYETHYLENE (PE), TOTAL	17,880	18,643	23,657	23,932	27,650	26,176	26,511	28,240	22,063	26,790	23,701	16,347	281,590
POLYVINYL CHLORIDE (PVC), TOTAL	147,383	204,717	190,580	151,775	142,009	147,517	161,100	182,295	157,862	186,069	194,192	142,158	2,007,657R
ALL OTHER, TOTAL (Including Styrene Rubber)	448	502	592	557	712	618	574	695	563	551	494	510	6,816
TOTAL PIPE, TUBE AND CONDUIT	171,364	232,480	224,461	184,579	178,317	182,364	195,634	218,837	188,106	220,903	224,758	164,091	2,385,894R

BY APPLICATION													
PRESSURE	79,422	108,625	104,981	88,516	89,203	87,886	87,631	97,830	84,353	99,021	104,200	81,381	1,113,049R
DWV	35,181	42,681	39,905	29,481	26,084	29,270	31,054	35,596	32,359	35,935	39,824	26,360	403,730
CORRUGATED	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
CONDUIT	22,647	30,716	33,608	28,037	28,054	27,690	29,841	32,667	27,541	33,791	31,923	21,446	347,961
SEWER & DRAIN	30,562	46,602	42,054	34,212	30,028	32,654	41,477	45,608	39,615	46,334	43,671	30,972	463,789R
OTHER (Including PE Socket or Butt Fusion)	3,552	3,856	3,913	4,333	4,948	4,864	5,631	7,136	4,238	5,822	5,140	3,932	57,365
TOTAL	171,364	232,480	224,461	184,579	178,317	182,364	195,634	218,837	188,106	220,903	224,758	164,091	2,385,894R

(1) = Included in Other
(2) = Included in Other
D = Disclosure

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.
FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

R - Revision--will not agree with year-to-date in December report because of late corrections by participating companies after the release of the December report. Final figures for the year 1984 are included herein.

SHIPMENTS OF THERMOPLASTICS PIPE, TUBE AND CONDUIT BY MATERIAL AND APPLICATION

(In thousands of pounds)

FULL YEAR 1984

MATERIAL AND APPLICATION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ACRYLONITRILE-BUTADIENE-STYRENE (ABS), TOTAL	4,224	7,394	8,369	7,263	7,047	7,031	6,635	6,761	6,471	6,325	5,360	4,230	77,110
Pressure	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
DWV	3,101	5,865	6,593	5,167	4,967	4,949	4,431	4,522	4,917	4,680	4,114	3,401	56,707
Conduit	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Sewer (D 2751)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Sewer & Drain (service weight, thin wall, etc.	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Other	1,123	1,529	1,776	2,096	2,080	2,082	2,204	2,239	1,554	1,645	1,246	829	20,403
CHLORINATED POLYVINYL CHLORIDE (CPVC), TOTAL	1,429	1,224	1,263	1,052	899	1,022	814	846	1,147	1,168	1,011	846	12,721
Pressure, Total	1,174	1,007	986	863	678	780	546	670	777	722	718	560	9,481
Water	1,174	1,007	986	863	678	780	546	670	777	722	718	560	9,481
Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrigation	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
DWV	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Other	255	217	277	189	221	242	268	176	370	446	293	286	3,240
POLYBUTYLENE (PB), TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
POLYETHYLENE (PE), TOTAL	17,880	18,643	23,657	23,932	27,650	26,176	26,511	28,240	22,063	26,790	23,701	16,347	281,590
Pressure, Total	16,215	17,796	22,414	22,306	25,408	24,344	23,689	25,842	20,042	23,909	20,648	14,284	256,897
Water	3,429	3,525	5,102	4,544	5,490	4,997	4,573	4,793	3,507	3,752	3,283	1,710	43,705
Oil & Gas Production (Oil Patch)	5,713	6,558	7,784	7,117	7,324	9,687	10,000	7,808	5,608	7,416	7,892	5,349	88,256
Industrial & Mining	1,484	2,381	2,456	3,087	2,923	2,588	2,887	4,496	3,196	3,280	2,342	1,840	32,970
Gas Distribution	5,589	5,332	7,062	7,558	9,671	7,072	6,229	8,745	7,731	9,461	7,131	5,385	86,966
Irrigation	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)
Corrugated	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Conduit	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Sewer & Drain	858	344	651	739	1,157	1,011	2,040	1,526	953	1,612	1,789	985	13,665
Other	807	503	592	887	1,035	821	782	872	1,068	1,269	1,264	1,078	11,028

(1) = Included in All Other
(2) = Included in Other
(3) = Included in Water

D = Disclosure

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.
FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SHIPMENTS OF THERMOPLASTICS PIPE, TUBE AND CONDUIT BY MATERIAL AND APPLICATION

(In thousands of pounds)

FULL YEAR 1984

MATERIAL AND APPLICATION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POLYVINYL CHLORIDE (PVC), TOTAL **	147,383	204,717	190,580	151,775	142,009	147,517	161,100	182,295	157,862	186,069	194,192	142,158	2,007,657R
Pressure, Total	62,033	89,822	81,581	65,347	63,117	62,762	63,396	71,318	63,534	74,390	82,834	66,537	846,671R
Water	48,574	68,452	62,389	43,959	53,224	53,107	53,784	59,902	54,036	60,222	68,832	53,838	680,319R
Gas	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)
Irrigation	11,223	18,076	15,563	18,790	6,972	7,022	7,784	8,105	7,368	11,141	12,038	10,232	134,314
Other	2,236	3,294	3,629	2,598	2,921	2,633	1,828	3,311	2,130	3,027	1,964	2,467	32,038
DWV	32,080	36,816	33,312	24,314	21,117	24,321	26,623	31,074	27,442	31,255	35,710	22,959	347,023
Conduit, Total	22,647	30,716	33,608	28,037	28,054	27,690	29,841	32,667	27,541	33,791	31,923	21,446	347,961
Telephone	2,656	3,763	4,483	4,333	4,117	4,091	4,499	4,764	3,707	5,370	4,939	3,375	50,097
Power & Communications	4,125	5,017	6,058	5,902	5,092	5,993	5,485	6,085	4,490	5,844	5,239	3,842	62,172
Electrical	15,866	21,936	23,067	17,802	18,845	17,606	19,857	21,818	19,344	22,577	21,745	14,229	234,692
Sewer (D3033/3034)	26,963	42,775	37,693	30,683	25,632	28,226	35,972	39,597	35,172	41,297	38,795	27,547	410,352R
Drain (D2729) - (Includes Perforated)	2,741	3,483	3,710	2,790	3,239	3,417	3,465	4,485	3,490	3,425	3,087	2,440	39,772
Other	919	1,105	676	604	850	1,101	1,803	3,154	683	1,911	1,843	1,229	15,878
STYRENE RUBBER (SR), TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
Conduit	-	-	-	-	-	-	-	-	-	-	-	-	-
Sewer & Drain	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER, TOTAL	448	502	592	557	712	618	574	695	563	551	494	510	6,816
Pressure	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
DWV	-	-	-	-	-	-	-	-	-	-	-	-	-
Conduit	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Sewer & Drain	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Other	448	502	592	557	712	618	574	695	563	551	494	510	6,816

(2) = Included in Other
(5) = Included in Pressure--Other
(D) = Disclosure
** = Portions of this section are estimated.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.
FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

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SPI

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT

CRS

SHIPMENTS OF THERMOPLASTICS FITTINGS BY MATERIAL AND APPLICATION

(In thousands of pounds)

SUMMARY TABLE II

FULL YEAR 1984

BY MATERIAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ACRYLONITRILE-BUTADIENE-STYRENE (ABS), TOTAL	1,436	1,484	1,988	2,361	2,322	1,664	1,828	1,839	1,663	1,886	1,432	1,058	20,961
CHLORINATED POLYVINYL CHLORIDE (CPVC), TOTAL	319	217	208	154	137	150	146	119	154	165	142	147	2,058
POLYBUTYLENE (PB), TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
POLYETHYLENE (Socket or Butt Fusion), TOTAL	388	586	737	734	895	729	877	1,151	710	1,213	992	824	9,836
INSERT FITTINGS FOR POLYETHYLENE PIPE, TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
OTHER POLYETHYLENE, TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
POLYVINYL CHLORIDE (PVC), TOTAL	9,926	13,113	14,826	14,022	13,157	13,539	13,500	13,066	12,174	14,165	11,252	9,167	151,907
STYRENE RUBBER (SR), TOTAL	323	320	390	407	442	372	443	327	234	407	229	183	4,077
ALL OTHER, TOTAL	171	255	287	239	298	214	249	189	154	221	151	121	2,549
TOTAL FITTINGS	12,563	15,975	18,436	17,917	17,251	16,668	17,043	16,691	15,089	18,057	14,198	11,500	191,388

BY APPLICATION													
PRESSURE	2,349	3,450	3,839	3,873	3,909	4,028	3,456	3,125	2,966	3,142	2,462	2,002	38,601
DWV	6,729	8,335	9,571	9,243	8,244	7,861	8,652	8,470	7,858	9,014	7,630	5,960	97,567
CORRUGATED	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
CONDUIT	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
SEWER & DRAIN	1,022	1,283	1,317	1,443	1,692	1,638	1,518	1,475	1,345	1,662	973	843	16,211
OTHER (Including Polybutylene)	2,463	2,907	3,709	3,358	3,406	3,141	3,417	3,621	2,920	4,239	3,133	2,695	39,009
TOTAL	12,563	15,975	18,436	17,917	17,251	16,668	17,043	16,691	15,089	18,057	14,198	11,500	191,388

(1) = Included in All Other
(2) = Included in Other
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COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.
FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SHIPMENTS OF THERMOPLASTICS FITTINGS BY MATERIAL AND APPLICATION

(In thousands of pounds)

FULL YEAR 1984

MATERIAL AND APPLICATION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ACRYLONITRILE-BUTADIENE-STYRENE (ABS), TOTAL	1,436	1,484	1,988	2,361	2,322	1,664	1,828	1,839	1,663	1,886	1,432	1,058	20,961
Pressure	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
DWV	1,359	1,379	1,858	2,213	2,173	1,520	1,674	1,682	1,546	1,735	1,337	1,003	19,479
Conduit	-	-	-	-	-	-	-	-	-	-	-	-	-
Sewer (D 2751)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Sewer & Drain (service weight, thin wall, etc.)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Other	77	105	130	148	149	144	154	157	117	151	95	55	1,482
CHLORINATED POLYVINYL CHLORIDE (CPVC), TOTAL	319	217	208	154	137	150	146	119	154	165	142	147	2,058
Pressure, Total	319	217	208	154	137	150	146	119	154	165	142	147	2,058
Water	319	217	208	154	137	150	146	119	154	165	142	147	2,058
Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrigation	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)
DWV	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)
POLYBUTYLENE (PB), TOTAL,	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
POLYETHYLENE (Socket or Butt Fusion), TOTAL	388	586	737	734	895	729	877	1,151	710	1,213	992	824	9,836
Under 2"	47	38	53	48	91	110	89	94	68	88	87	86	899
2" to Under 12"	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
12" and Over	341	548	684	686	804	619	788	1,057	642	1,125	905	738	8,937
INSERT FITTINGS FOR POLYETHYLENE PIPE, TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
Nylon	D	D	D	D	D	D	D	D	D	D	D	D	D
All Other Materials	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER POLYETHYLENE, TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)

(1) = Included in All Other
(2) = Included in Other
(3) = Included in Water
(4) = Included in 12" and Over.
D = Disclosure

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.
FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SHIPMENTS OF THERMOPLASTICS FITTINGS BY MATERIAL AND APPLICATION

(In thousands of pounds)

FULL YEAR 1984

MATERIAL AND APPLICATION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POLYVINYL CHLORIDE (PVC), TOTAL**	9,926	13,113	14,826	14,022	13,157	13,539	13,500	13,066	12,174	14,165	11,252	9,167	151,907
Pressure, Total	2,030	3,233	3,631	3,719	3,772	3,878	3,310	3,006	2,812	2,977	2,320	1,855	36,543
Water	1,349	1,742	2,097	2,370	2,097	1,982	1,650	1,503	1,693	1,854	1,407	1,159	20,903
Gas	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)
Irrigation	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)
Other	681	1,491	1,534	1,349	1,675	1,896	1,660	1,503	1,119	1,123	913	696	15,640
DWV	5,370	6,956	7,713	7,030	6,071	6,341	6,978	6,788	6,312	7,279	6,293	4,957	78,088
Conduit, Total	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Telephone	D	D	D	D	D	D	D	D	D	D	D	D	D
Power & Communications	D	D	D	D	D	D	D	D	D	D	D	D	D
Electrical	D	D	D	D	D	D	D	D	D	D	D	D	D
Sewer (D3033/3034)	699	963	927	1,036	1,250	1,266	1,075	1,148	1,111	1,255	744	660	12,134
Drain (D2729) (Includes Perforated)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)
Other	1,827	1,961	2,555	2,237	2,064	2,054	2,137	2,124	1,939	2,654	1,895	1,695	25,142
STYRENE RUBBER (SR), TOTAL **	323	320	390	407	442	372	443	327	234	407	229	183	4,077
Conduit	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)
Sewer & Drain	323	320	390	407	442	372	443	327	234	407	229	183	4,077
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER, TOTAL	171	255	287	239	298	214	249	189	154	221	151	121	2,549
Pressure	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
DWV	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Conduit	-	-	-	-	-	-	-	-	-	-	-	-	-
Sewer & Drain	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	171	255	287	239	298	214	249	189	154	221	151	121	2,549

(2) = Included in Other
(5) = Included in Pressure--Other
(6) = Sewer and Drain are combined
(7) = Included in Sewer and Drain
D = Disclosure
** = Portions of this section are estimated.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.
FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT

CRS

SHIPMENTS OF THERMOPLASTICS FITTINGS BY MATERIAL AND APPLICATION

(In thousands of dollars)

SUMMARY TABLE III

FULL YEAR 1984

BY MATERIAL	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ACRYLONITRILE-BUTADIENE-STYRENE (ABS), TOTAL	2,725	2,760	3,720	4,439	4,429	3,119	3,422	3,420	3,041	3,366	2,537	1,919	38,897
CHLORINATED POLYVINYL CHLORIDE (CPVC), TOTAL	1,342	1,355	979	741	664	739	679	564	748	775	643	651	9,880
POLYBUTYLENE (PB), TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
POLYETHYLENE (Socket or Butt Fusion), TOTAL	1,158	1,470	1,581	1,606	2,026	1,853	1,926	2,345	1,819	2,424	2,103	1,758	22,069
INSERT FITTINGS FOR POLYETHYLENE PIPE, TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
OTHER POLYETHYLENE, TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(2)	D(1)	D(1)	D(1)	D(1)	D(1)
POLYVINYL CHLORIDE (PVC), TOTAL	16,925	20,006	23,032	21,668	20,648	22,968	22,241	21,104	19,802	22,008	17,486	14,283	242,171
STYRENE RUBBER (SR), TOTAL	372	362	464	516	562	476	592	462	336	527	321	254	5,244
ALL OTHER, TOTAL	789	944	1,254	1,094	1,166	879	1,046	838	791	861	777	715	11,154
TOTAL FITTINGS	23,311	26,897	31,030	30,064	29,495	30,034	29,906	28,733	26,537	29,961	23,867	19,580	329,415

BY APPLICATION													
PRESSURE	6,816	7,217	7,695	7,017	6,250	8,580	7,549	6,676	6,353	6,704	5,216	4,367	80,440
DWV	9,282	11,158	13,111	13,275	12,498	11,473	12,345	11,956	10,728	12,392	10,242	7,956	136,416
CORRUGATED	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
CONDUIT	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
SEWER & DRAIN	1,573	2,036	2,066	2,381	2,831	2,734	2,548	2,455	2,330	2,505	1,538	1,252	26,249
OTHER (INCLUDING PE SOCKET OR BUTT FUSION	5,640	6,486	8,158	7,391	7,916	7,247	7,464	7,646	7,126	8,360	6,871	6,005	86,310
TOTAL	23,311	26,897	31,030	30,064	29,495	30,034	29,906	28,733	26,537	29,961	23,867	19,580	329,415

(1) = Included in All Other D = Disclosure
(2) = Included in Other

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.
FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SHIPMENTS OF THERMOPLASTICS FITTINGS BY MATERIAL AND APPLICATION

(In thousands of dollars)

FULL YEAR 1984

MATERIAL AND APPLICATION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
ACRYLONITRILE-BUTADIENE-STYRENE (ABS), TOTAL	2,725	2,760	3,720	4,439	4,429	3,119	3,422	3,420	3,041	3,366	2,537	1,919	38,897
Pressure	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
DWV	2,641	2,642	3,579	4,276	4,268	2,961	3,254	3,247	2,908	3,228	2,428	1,858	37,290
Conduit	-	-	-	-	-	-	-	-	-	-	-	-	-
Sewer (D2751)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Sewer & Drain (service weight, thin wall, etc.)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Other	84	118	141	163	161	158	168	173	133	138	109	61	1,607
CHLORINATED POLYVINYL CHLORIDE (CPVC), TOTAL	1,342	1,355	979	741	664	739	679	564	748	775	643	651	9,880
Pressure, Total	1,342	1,355	979	741	664	739	679	564	748	775	643	651	9,880
Water	1,342	1,355	979	741	664	739	679	564	748	775	643	651	9,880
Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrigation	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)
DWV	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)
POLYBUTYLENE (PB), TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
POLYETHYLENE (Socket or Butt Fusion), TOTAL	1,158	1,470	1,581	1,606	2,026	1,853	1,926	2,345	1,819	2,424	2,103	1,758	22,069
Under 2"	208	199	215	248	373	392	330	353	287	342	324	303	3,574
2" to Under 12"	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
12" and Over	950	1,271	1,366	1,358	1,653	1,461	1,596	1,992	1,532	2,082	1,779	1,455	18,495
INSERT FITTINGS FOR POLYETHYLENE PIPE, TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
Nylon	D	D	D	D	D	D	D	D	D	D	D	D	D
All Other Materials	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER POLYETHYLENE, TOTAL	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)

(1) = Included in All Other
(2) = Included in Other
(3) = Included in Water.
(4) = Included in 12" and Over.
D = Disclosure

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.
FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SHIPMENTS OF THERMOPLASTICS FITTINGS BY MATERIAL AND APPLICATION

(In thousands of dollars)

FULL YEAR 1984

MATERIAL AND APPLICATION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POLYVINYL CHLORIDE (PVC), TOTAL **	16,925	20,006	23,032	21,668	20,648	22,968	22,241	21,104	19,802	22,008	17,486	14,283	242,171
Pressure, Total	5,474	5,862	6,716	6,276	5,586	7,841	6,870	6,112	5,605	5,929	4,573	3,716	70,560
Water	2,861	2,987	3,636	3,788	3,197	3,625	3,174	2,912	3,062	3,386	2,505	2,112	37,245
Gas	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)
Irrigation	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)	D(5)
Other	2,613	2,875	3,080	2,488	2,389	4,216	3,696	3,200	2,543	2,543	2,068	1,604	33,315
DWV	6,641	8,516	9,532	8,999	8,230	8,512	9,091	8,709	7,820	9,164	7,814	6,098	99,126
Conduit, Total	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Telephone	D	D	D	D	D	D	D	D	D	D	D	D	D
Power & Communications	D	D	D	D	D	D	D	D	D	D	D	D	D
Electrical	D	D	D	D	D	D	D	D	D	D	D	D	D
Sewer (D3033/3034)	1,201	1,674	1,602	1,865	2,269	2,258	1,956	1,993	1,994	1,978	1,217	998	21,005
Drain (D2729) (Includes Perforated)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)	D(6)
Other	3,609	3,954	5,182	4,528	4,563	4,357	4,324	4,290	4,383	4,937	3,882	3,471	51,490
STYRENE RUBBER (SR), TOTAL **	372	362	464	516	562	476	592	462	336	527	321	254	5,244
Conduit	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)	D(7)
Sewer & Drain	372	362	464	516	562	476	592	462	336	527	321	254	5,244
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER, TOTAL	789	944	1,254	1,094	1,166	879	1,046	838	791	861	777	715	11,154
Pressure	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
DWV	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Conduit	-	-	-	-	-	-	-	-	-	-	-	-	-
Sewer & Drain	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	789	944	1,254	1,094	1,166	879	1,046	838	791	861	777	715	11,154

(2) = Included in Other
(5) = Included in Pressure -- Other
(6) = Sewer and Drain are combined.
(7) = Included in Sewer and Drain
D = Disclosure
** - Portions of this section are estimated.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.
FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT

OF SHIPMENTS OF THERMOPLASTICS PIPE, TUBE, CONDUIT AND FITTINGS

RESIN CODING CLASSIFICATIONS	
ACRYLONITRILE-BUTADIENE-STYRENE	ABS
CHLORINATED POLYVINYL CHLORIDE	CPVC
POLYBUTYLENE	PB
POLYETHYLENE	PE
POLYETHYLENE (SOCKET OR BUTT FUSION)	PE SOC/BUTT
POLYVINYL CHLORIDE	PVC
STYRENE RUBBER	SR
INSERT FITTINGS FOR POLYETHYLENE PIPE	INSERT FITTINGS FOR PE PIPE
OTHER	OTHER

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Pipe, Tube & Conduit	PTC
Fittings	F

MONTHLY STATISTICAL REPORT

LIST OF REPORTING COMPANIES

COMPANY	ABS		CPVC		PB		PE		PE	PVC		SR		OTHER	
	PTC	F	PTC	F	PTC	F	PTC	INSERT FITTINGS	SOC/BUTT	PTC	F	PTC	F	PTC	F
AMSTED INDUSTRIES, PLEXCO DIV.							X		X						
APACHE PLASTICS PHOENIX, ARIZONA	X									X					
ARMCO STEEL	X	X													
ARROW INDUSTRIES							X			X					
BRISTOL PRODUCTS COMPANY	X		X		X					X					
CAN-TEX INDUSTRIES DIV. HARSCO CORPORATION										X					
CARLON ELECTRICAL SCIENCES, INC.										X	X		X		
CENTAUR MANUFACTURING, INC.	X														
CERTAIN-TEED CORPORATION										X	X				
CGF INDUSTRIES			X	X											
CHARLOTTE PIPE & FOUNDRY CO.	X	X								X	X				
COLONIAL ENGINEERING		X		X							X				
CONNECTICUT STAMPING & BENDING		X									X				X
CRESLINE PLASTICS PIPE CO	X		X		X		X			X					
CYCLOPS CORPORATION TEX-TUBE DIV.							X								
DAVIS WATER & WASTE IND., INC.										X					
E.I. DU PONT DE NEMOURS & CO.							X		X						
ELECTRI-FLEX CO., INC.										X					
ENDOT INDUSTRIES							X								

MONTHLY STATISTICAL REPORT

LIST OF REPORTING COMPANIES

COMPANY	ABS		CPVC		PB		PE		PE	PVC		SR		OTHER	
	PTC	F	PTC	F	PTC	F	PTC	INSERT FITTINGS	SOC/BUTT	PTC	F	PTC	F	PTC	F
ESLON THERMOPLASTICS			X	X						X	X				
EXTRUSION TECHNOLOGIES										X					
FINN INDUSTRIES	X									X					
FREEDOM PLASTICS	X		X							X	X				
GENOVA, INC.			X	X						X	X				
GOODALL RUBBER COMPANY							X								
HARRINGTON CORPORATION											X				
HARVEL PLASTICS, INC.			X							X					
HERCULES, INC. HASKON DIV.										X				X	
HUGHES SUPPLY, INC										X					
HUNTER ENGINEERED PLASTICS										X					
INTERLOCK PLASTICS, INC.							X								
INTERSTATE PLASTICS							X								
ITT GRINNELL CORPORATION		X									X				
JAMES HARDIE IRRIGATION							X								
JET STREAM PLASTICS								X		X					
J & M MANUFACTURING CO.										X	X				
LASCO INDUSTRIES, INC				X				X		X	X				
LCP PLASTICS										X	X				

MONTHLY STATISTICAL REPORT

LIST OF REPORTING COMPANIES

COMPANY	ABS		CPVC		PB		PE		PE	PVC		SR		OTHER	
	PTC	F	PTC	F	PTC	F	PTC	INSERT FITTINGS	SOC/BUTT	PTC	F	PTC	F	PTC	F
MDI PETROFLEX							X		X						
MID AMERICAN INDUSTRIES, INC.							X			X					
MULTIFITTINGS USA, LTD		X									X		X		
NIPAK, INC.							X		X						
NORMANDY PRODUCTS COMPANY							X			X	X		X		
PERMA-PIPE CORPORATION			X				X								
PHILLIPS DRISCOPIPE							X		X						
POLYPIPE INDUSTRIES, INC							X		X						
PYRAMID INDUSTRIES, INC.							X			X					
RACE & RACE, INC.										X					
SAMSON PLASTIC CONDUIT & PIPE CORP.	X														
SEDCO CORPORATION										X	X				
SILVER LINE PLASTICS CORP.	X						X			X					
SIMPSON EXTRUDED PLASTICS										X					
R & G SLOANE MANUFACTURING		X	X	X				X		X	X		X	X	X
SLOCOMB PLASTICS PIPE & PRODUCTS	X														
SPIRAL ENGINEERING							X	X							
THE SWANSON COMPANY	X	X					X			X					
SWEETAPPLE PLASTICS	X		X							X					

MONTHLY STATISTICAL REPORT

LIST OF REPORTING COMPANIES

COMPANY	ABS		CPVC		PB		PE		PE	PVC		SR		OTHER	
	PTC	F	PTC	F	PTC	F	PTC	INSERT FITTINGS	SOC/BUTT	PTC	F	PTC	F	PTC	F
TYLER PIPE INDUSTRIES										X	X				
U-BRAND CORPORATION		X		X				X			X		X		
ULYSSES IRRIGATION PIPE COMPANY										X					
UNITED PLASTICS										X					
VANGUARD PLASTICS COMPANY					X										
VINYLPLEX, INC.										X					
VULCAN PLASTICS CORP.										X					
WESFLEX MANUFACTURING					X		X							X	
WESTERN PLASTICS							X			X					
WISCONSIN PLASTIC DRAIN TILE CORP.							X								
WORLD OF PLASTICS, INC.										X					
TOTAL 68	13	9	10	7	4	0	25	4	6	40	19	0	5	3	2